



**CALIFORNIA DEPARTMENT OF PUBLIC HEALTH
SUPERVISING HEALTH PHYSICIST
Departmental Promotional Examination**

Final Filing Date: May 20, 2014

Bulletin Release Date: April 29, 2014

HX10 -3801 4H158



California State Government supports equal opportunity to all regardless of race, color, creed, national origin, ancestry, gender, marital status, disability, religious or political affiliation, age, or sexual orientation. It is an objective of the State of California to achieve a drug-free work place. Any applicant for state employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the state, the rules governing civil service, and the special trust placed in public servants.

EXAMINATION TYPE: This is a promotional examination for the California Department of Public Health.

WHO SHOULD APPLY: Persons who have permanent civil service appointment with the California Department of Public Health and meet the minimum qualifications as stated on this bulletin as of the announced final filing date. Employees who have limited-term appointment in the department for which the examination is being given (provided they have had permanent appointment and no subsequent break in service) are allowed to participate in departmental promotional examination in the department OR must be: 1) a current or former legislative employee meeting the criteria defined in Government Code (GC), Section 18990; OR 2) an exempt employee meeting the criteria defined in GC, Section 18992; OR persons who are retired from the United States military, honorably discharged from active military duty with a service-connected disability, or honorably discharged from active duty as defined in Government Code 18991.

HOW TO APPLY: Standard State Applications (STD. 678) must be submitted via the U.S. Postal Service or hand delivered to the Department of Public Health Human Resources Office (hours are 8:00 AM to 5:00 PM). Standard State Applications (STD. 678) can be found at: <http://jobs.ca.gov/pdf/std678.pdf>. Submit hard copies to:

Mailing Address:

**California Department of Public Health
Selection & Certification Unit
MS 1700-1702
P.O. Box 997378
Sacramento, CA 95899-7378**

File in Person Address:










**California Department of Public Health
Selection & Certification Unit
1501 Capitol Avenue, Suite 71.1501
Sacramento, CA 95814
Telephone: (916) 319-9759**

DO NOT SUBMIT APPLICATIONS TO THE STATE PERSONNEL BOARD OR THE CALIFORNIA DEPARTMENT OF HUMAN RESOURCES. ALSO, THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH WILL NOT ACCEPT APPLICATIONS SENT ONLINE, VIA INTER-AGENCY MAIL OR FAX.

FINAL FILING DATE: Applications (STD. 678) must be submitted by **May 20, 2014**, the final filing date. Applications postmarked or personally delivered after the filing deadline will not be accepted.

SALARY RANGES: \$6265 - \$8189 per month.

EMPLOYEE BENEFITS: In addition to the salary above the California Department of Public Health offers benefits in the following areas:

-  Health, Dental, and Vision
-  Cash Benefit Programs
-  Disability Insurance
-  Work, Home, and Family
-  Beneficiary and Survivor Benefits
-  Awards
-  Retirement and Separation Benefits
-  Flexible Schedules
-  Public Transit Reimbursement (limits apply)

A complete list of all benefits may be viewed at <http://www.calhr.ca.gov/employees/Pages/salary-and-benefits.aspx>

POSITION DESCRIPTION: This is the second supervisory level. Incumbents, under general direction, plan, organize, direct and evaluate a number of statewide radiation regulatory programs involving the surveillance and licensing of radiation sources and the evaluation, regulation, and control of industrial (limited to licensing only), research, medical,

diagnostic, and therapeutic uses of radiation; coordinate, integrate, and evaluate programs and activities relating to licensing and inspections and insure compliance with State regulations; evaluate and resolve unusually complex technical and administrative problems in connection with license issuance, amendment, suspension, revocation, or denial; approve inclusion of specialized conditions and other unusual provisions in licenses; plan and direct a continuing program of staff training and development; propose new rules and regulations; coordinate the programs with related activities of the Nuclear Regulatory Commission, the State Division of Occupational Safety and Health, Environmental Protection Agency, U.S. Department of Health and Welfare, local health agencies, and other interested and affected agencies; keep abreast of technical development in radiation use and radiation protection; plan and direct special studies and investigations; address interested groups; prepare articles for publication; and do other related work.

Positions in this class are supervisory. Incumbents perform duties which are substantially different from those of subordinates and have the authority, in the interest of management, to: hire, transfer, suspend, layoff, recall, promote, discharge, assign, reward or discipline other employees, or responsibly direct them, or adjust their grievances, or effectively recommend such actions. The intent is to exclude leadpersons.

Positions exist with the California Department of Public Health in Sacramento, CA.

REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION: It is your responsibility to make sure you meet the education and/or experience requirements stated on this announcement by **May 20, 2014**, the final filing date. Your signature on your application indicates that you have read, understood, and possess the basic qualifications required.

NOTE: Applications/resumes **must** include "to" and "from" dates (month/day/year), time base, civil service class title(s), and range (if applicable) for all work experience. College course information **must** include title, number of semester or quarter units, name of institution, completion dates, and degree (if applicable).

Applications/resumes received without this information will be rejected. A copy of your official degree and transcripts may assist in the evaluation of your qualifications as it relates to meeting the education requirements for this examination.

MINIMUM QUALIFICATIONS: Qualifying experience may be combined on a proportionate basis if the following requirements include more than one pattern and are distinguished as either I, or II, or III, etc.

Either I

Experience: Two years of experience in performing the duties of a Senior Health Physicist in California state service.

Or II

Experience: Six years or more of increasingly responsible professional experience in health physics or a closely related field, at least three years of which must have included supervisory responsibility for a major program in health physics or radiologic health. **And**

Education: Graduation from college with a major in radiologic health, radiologic science, health physics, engineering, mathematics, physical science, life science or a closely related field. (Possession of a Master's Degree in Radiologic Health, Radiologic Science, Health Physics, Engineering, Mathematics, Physical Science, or Life Science may be substituted for two years of the required general experience.)

GENERAL QUALIFICATIONS: In addition to the scope defined on this announcement, candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, ability to work cooperatively with others, and a state of health consistent with the ability to perform the assigned duties of the class. A medical examination may be required.

EXAMINATION INFORMATION: The examination will consist of a Modified Qualification Appraisal Panel (Mod QAP) administered in **June 2014**. Accepted candidates will participate in the **examination using a computer to type their responses**. The examination will consist of **patterned questions with set responses**, **not multiple choice questions**.

EXAMINATION SCOPE: In addition to evaluating the candidate's relative abilities as demonstrated by quality and breadth of experience, emphasis will be placed on measuring, relative to job demands, each competitor's:

KNOWLEDGE OF:

1. Knowledge of basic research techniques.
2. Knowledge of theory and principles of physical science and engineering.
3. Knowledge of theory and practice of health physics and radiation protection.
4. Knowledge of theory and practical design of shielding for protection against radiation.

5. Knowledge of radiation Dosimeter and the theory and design of instruments and method used to measure radiation.
6. Knowledge of biological effects of ionizing radiation.
7. Knowledge of radiological ecology.
8. Knowledge of advance scientific research techniques.
9. Knowledge of various parameters entering into evaluation of radiological hazards involved in medical, dental, industrial, and laboratory work.
10. Knowledge of various parameters involving the use of radiation machines and radioactive materials.
11. Knowledge of atomic and nuclear physics and nuclear chemistry and the use of radioisotopes.
12. Knowledge of radioactive waste disposal techniques and procedures.
13. Knowledge of California radiation control laws and regulations.
14. Knowledge of radiation standards set by the Nuclear Regulatory Commission, the Environmental Protection Agency, and the National Council on Radiation Protection and Measurement.
15. Knowledge of principles of leadership.
16. Knowledge of supervisory methods and techniques.
17. Knowledge of training procedures.
18. Knowledge of functions and operations of State and Federal programs in radiation control and radiological health.
19. Knowledge of principles of public administration and personnel management.
20. Knowledge of trends and developments in radiological health.
21. Knowledge of State and departmental Equal Employment Opportunity policies.
22. Knowledge of Department's Equal Employment Opportunity objectives.
23. Knowledge of manager's role in Equal Employment Opportunity and the processes available to meet EEO objectives.

ABILITY TO:

1. Ability to analyze situations accurately, derive recommendations, and take effective action.
2. Ability to establish and maintain cooperative relations with those contacted in the course of the work including Federal, State, and local agencies.
3. Ability to communicate effectively.
4. Ability to prepare clear and concise administrative and technical reports, and correspondence.
5. Ability to conduct routine investigations of radiological health hazards.
6. Ability to evaluate plans and specifications to ensure prevention of radiation hazards.
7. Ability to gain confidence and compliance of persons of varied scientific disciplines.
8. Ability to independently plan, conduct, and correlate difficult and complex investigations of radiological health exposure.
9. Ability to develop methods to minimize radiation hazards.
10. Ability to train and guide subordinate personnel.
11. Ability to interpret laws and regulations.
12. Ability to effectively supervise subordinate personnel.
13. Ability to train personnel in the various phases of radiological health work.
14. Ability to develop and evaluate programs.
15. Ability to direct and coordinate the work of others.
16. Ability to effectively carry out the State and departmental EEO policies.
17. Ability to effectively contribute to the Department's EEO objectives.

ELIGIBLE LIST INFORMATION: Possession of the entrance requirements does not assure a place on the eligible list. In order to obtain a position on the eligible list, a minimum rating of 70% must be attained. A departmental promotional list will be established for use by the department(s) listed on this announcement. The list will expire 24 months after it is established unless the needs of the service and conditions of the list warrant a change in this period.

Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) sub-divisional promotional, 2) departmental promotional, 3) multi-departmental promotional, 4) service-wide promotional, 5) departmental open, and 6) open. When there are two lists of the same kind, the older must be used first.

VETERANS PREFERENCE: Veterans preference credits are not granted in promotional examinations.

TDD is Telecommunications Device for the Deaf and is reachable only from phones equipped with a TDD device.

The California Relay (Telephone) Service for the deaf or hearing impaired:

MCI from TDD: 1-800-735-2929 MCI from voice telephone: 1-800-735-2922

Sprint from TDD: 1-888-877-5378 Sprint from voice telephone: 1-888-877-5379